

# Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

## B6.129S1(SJL)-Nkx2-5<sup>tm2</sup>(cre)Rph/J

RRID:IMSR\_JAX:024637

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:024637

### Organism Information

**URL:** <https://www.jax.org/strain/024637>

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**Description:** Mus musculus with name B6.129S1(SJL)-Nkx2-5<sup>tm2</sup>(cre)Rph/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: NK2 homeobox 5|; mutant strain|congenic strain: Nkx2-5|

**Affected Gene:** NK2 homeobox 5|

**Genomic Alteration:** targeted mutation 2; Richard P Harvey

**Catalog Number:** JAX:024637

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S1(SJL)-Nkx2-5<sup>tm2</sup>(cre)Rph/J

**Record Creation Time:** 20250513T053751+0000

**Record Last Update:** 20260912T060534+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S1(SJL)-Nkx2-5<sup>tm2</sup>(cre)Rph/J.

No alerts have been found for B6.129S1(SJL)-Nkx2-5<sup>tm2</sup>(cre)Rph/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Raiola M, et al. (2026) Quantitative computerized analysis demonstrates strongly compartmentalized tissue deformation patterns underlying mammalian heart tube formation. eLife, 14.

Coppiello G, et al. (2023) Generation of heart and vascular system in rodents by blastocyst complementation. Developmental cell, 58(24), 2881.

Windmueller R, et al. (2020) Direct Comparison of Mononucleated and Binucleated Cardiomyocytes Reveals Molecular Mechanisms Underlying Distinct Proliferative Competencies. Cell reports, 30(9), 3105.

McDole K, et al. (2018) In Toto Imaging and Reconstruction of Post-Implantation Mouse Development at the Single-Cell Level. Cell, 175(3), 859.